An Integrated Approach to PSM Implementation

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ABSTRACT

Incident investigation teams routinely identify not just a single root cause that triggered the incident, but also a number of other contributing causes. One explanation for this observation is the well-known "Swiss cheese model" as described by James Reason. A second explanation is the interdependent nature of the various PSM elements, including how weakness in one can contribute to failure in another. This presentation will highlight why in the highly complex facilities that are operated by the Oil & Gas and Chemical industries, only a truly integrated and interdependent approach to PSM implementation will successfully prevent serious Process Safety Incidents.